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01PE H 5

CRF Errors Corrected by the STIC Systems Branch

Serial Number: 09/880,821

ENTERED

Processing Data
by m

10/4/2001
(STIC stat)

Changed a file from non-ASCII to ASCII

Changed the margins in cases where the sequence text was "wrapped" down to the next line.

Edited a format error in the Current Application Data section, specifically:

Edited the Current Application Data section with the actual current number. The number inputted by the applicant was the prior application data; or other _____

Added the mandatory heading and subheadings for "Current Application Data".

Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.

Changed the spelling of a mandatory field (the headings or subheadings), specifically:

Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:

Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.

Inserted colons after headings/subheadings. Headings edited included:

Deleted extra, invalid, headings used by an applicant, specifically:

Deleted: non-ASCII "garbage" at the beginning/end of files; secretary initials/filename at end of file; page numbers throughout text; other invalid text, such as _____

Inserted mandatory headings, specifically:

Corrected an obvious error in the response, specifically:

Edited identifiers where upper case is used but lower case is required, or vice versa.

Corrected an error in the Number of Sequences field, specifically:

A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.

Deleted ending stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected:

Other: Seq 5-moved 2237 response up

Examiner: The above corrections must be communicated to the applicant in the first Office
Action. DO NOT send a copy of this form.

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/880,821

DATE: 10/04/2001
TIME: 18:20:15

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF3\10042001\I880821.raw

5 <110> APPLICANT: EAGLES, Peter Anthony Minter
7 ZHENG, Richard Qihao
9 BTG INTERNATIONAL LIMITED
13 <120> TITLE OF INVENTION: RIBOZYMAL NUCLEIC ACID
17 <130> FILE REFERENCE: PF 137 765 WO/RKP
C--> 21 <140> CURRENT APPLICATION NUMBER: US/09/880,821
C--> 23 <141> CURRENT FILING DATE: 2001-06-15
27 <150> PRIOR APPLICATION NUMBER: GB 9800870.9
29 <151> PRIOR FILING DATE: 1998-01-15
33 <150> PRIOR APPLICATION NUMBER: GB 9824794.3
35 <151> PRIOR FILING DATE: 1998-12-23
39 <160> NUMBER OF SEQ ID NOS: 12
43 <170> SOFTWARE: PatentIn Ver. 2.0
47 <210> SEQ ID NO: 1
49 <211> LENGTH: 13
51 <212> TYPE: RNA
53 <213> ORGANISM: CD4-positive T cell, CCR5 receptor
57 <400> SEQUENCE: 1
59 caaguccaaau cua 13
63 <210> SEQ ID NO: 2
65 <211> LENGTH: 14
67 <212> TYPE: RNA
69 <213> ORGANISM: CD4-positive T cell, CCR5 receptor
73 <400> SEQUENCE: 2
75 acaacgucag ugag 14
79 <210> SEQ ID NO: 3
81 <211> LENGTH: 20
83 <212> TYPE: DNA
85 <213> ORGANISM: CD4-positive T cell, CCR5 receptor (PCR primer)
89 <400> SEQUENCE: 3
91 tgcacagggt ggaacaagat 20
95 <210> SEQ ID NO: 4
97 <211> LENGTH: 22
99 <212> TYPE: DNA
101 <213> ORGANISM: CD4-positive T cell, CXCR4 receptor (PCR primer)
105 <400> SEQUENCE: 4
107 cacttgagtc cgtgtcacaa gc 22
111 <210> SEQ ID NO: 5
113 <211> LENGTH: 137
115 <212> TYPE: DNA
117 <213> ORGANISM: Artificial Sequence
121 <220> FEATURE:
123 <223> OTHER INFORMATION: Description of Artificial Sequence:DNA cassette
125 containing T7 promoter and ribozymal DNA targeting CCR5
131 <400> SEQUENCE: 5
133 aatcttagagg atcctaatac gactcactat agggcgaaag ccctagattt ctgatgagcg 60
135 cggaaagcgcg aaacttgtcc tctacgaaag tagagctgtat gagaccgaaa ggtcgaaaca 120

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137 agtgagctcg aattctt 137
141 <210> SEQ ID NO: 6
143 <211> LENGTH: 87
145 <212> TYPE: DNA
147 <213> ORGANISM: CD4-positive T cell, CXCR4 receptor (PCR primer)
151 <400> SEQUENCE: 6
153 gccaagcttc tgcatataa cgaactacta tagggccgaa aggcccctca ctctgatgag 60
155 cgcgaaagcg cgaacgttg tcctctg 87
159 <210> SEQ ID NO: 7
161 <211> LENGTH: 84
163 <212> TYPE: DNA
165 <213> ORGANISM: CD4-positive T cell, CXCR4 receptor (PCR primer)
169 <400> SEQUENCE: 7
171 taattggatc ctctagaaac gttgtttcg tccttcgga cctcatcagc tctgatttct 60
173 cagaggacaa cggttgcgc ttgc 84
177 <210> SEQ ID NO: 8
179 <211> LENGTH: 147
181 <212> TYPE: DNA
183 <213> ORGANISM: Artificial Sequence
187 <220> FEATURE:
189 <223> OTHER INFORMATION: Description of Artificial Sequence:DNA cassette
191 containing T7 promoter and ribozymal DNA targeting
193 CXCR4
197 <400> SEQUENCE: 8
199 gccaagcttc tgcatataa cgaactacta tagggccgaa aggcccctca ctctgatgag 60
201 cgcgaaagcg cgaacgttg tcctctgaga aatcagagct gatgaggtcc gaaaggaccg 120
203 aaacaacgtt tctagaggat ccaatta 147
207 <210> SEQ ID NO: 9
209 <211> LENGTH: 28
211 <212> TYPE: DNA
213 <213> ORGANISM: Artificial Sequence
217 <220> FEATURE:
219 <223> OTHER INFORMATION: Description of Artificial Sequence:PCR primer
221 containing T7 polymerase sequence
225 <400> SEQUENCE: 9
227 acgaattcca tggacacgat taacatcg 28
231 <210> SEQ ID NO: 10
233 <211> LENGTH: 28
235 <212> TYPE: DNA
237 <213> ORGANISM: Artificial Sequence
241 <220> FEATURE:
243 <223> OTHER INFORMATION: Description of Artificial Sequence:PCR primer
245 containing T7 polymerase sequence
249 <400> SEQUENCE: 10
251 atataaggat ctttacgcga acgcgaac 28
255 <210> SEQ ID NO: 11
257 <211> LENGTH: 28
259 <212> TYPE: DNA
261 <213> ORGANISM: Artificial Sequence

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PATENT APPLICATION: US/09/880,821

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Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF3\10042001\I880821.raw

265 <220> FEATURE:
267 <223> OTHER INFORMATION: Description of Artificial Sequence:PCR primer
269 containing encephalomyocarditis virus (EMCV)
271 5'-UTR sequence
275 <400> SEQUENCE: 11
277 gctctagacc acaacggtt ccctctag 28
281 <210> SEQ ID NO: 12
283 <211> LENGTH: 28
285 <212> TYPE: DNA
287 <213> ORGANISM: Artificial Sequence
291 <220> FEATURE:
293 <223> OTHER INFORMATION: Description of Artificial Sequence:PCR primer
295 containing encephalomyocarditis virus (EMCV)
297 5'-UTR sequence
301 <400> SEQUENCE: 12
303 cagttcctt tcgggctttg ttagcagc 28

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/880,821

DATE: 10/04/2001

TIME: 18:20:16

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF3\10042001\I880821.raw

L:21 M:270 C: Current Application Number differs, Replaced Application Number

L:23 M:271 C: Current Filing Date differs, Replaced Current Filing Date